

IFWO

(

RAW SEQUENCE LISTING DATE: 07/21/2004 PATENT APPLICATION: US/10/776,934 TIME: 10:20:21

Input Set : A:\58617143.app

Output Set: N:\CRF4\07212004\J776934.raw

```
3 <110> APPLICANT: HANSEN, BO
             THRUE, CHARLOTTE ALBAEK
             WESTERGAARD, MAJKEN
             PETERSEN, KAMILLE DUMONG
             WISSENBACH, MARGIT
     9 <120> TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION OF SURVIVIN
EXPRESSION
    11 <130> FILE REFERENCE: 58610(71432)
    13 <140> CURRENT APPLICATION NUMBER: 10/776,934
    14 <141> CURRENT FILING DATE: 2004-02-10
    16 <150> PRIOR APPLICATION NUMBER: 60/446,372
    17 <151> PRIOR FILING DATE: 2003-02-10
                                                               ENTERED
    19 <150> PRIOR APPLICATION NUMBER: 60/523,591
    20 <151> PRIOR FILING DATE: 2003-11-19
    22 <160> NUMBER OF SEQ ID NOS: 741
    24 <170> SOFTWARE: PatentIn version 3.2
    26 <210> SEQ ID NO: 1
    27 <211> LENGTH: 1619
    28 <212> TYPE: DNA
    29 <213> ORGANISM: Homo sapiens
    31 <400> SEQUENCE: 1
    32 ccgccagatt tgaatcgcgq gacccgttgq cagaggtggc ggcgqcggca tgggtgcccc
    34 gaegttgeec cetgeetgge agecetttet caaggaecae egeateteta catteaagaa
                                                                           120
    36 ctggcccttc ttggagggct gcgcctgcac cccggagcgg atggccgagg ctggcttcat
                                                                           180
    38 ccactgcccc actgagaacg agccagactt ggcccagtgt ttcttctgct tcaaggagct
                                                                           240
    40 ggaaggetgg gageeagatg acgaeeceat agaggaacat aaaaagcatt egteeggttg
                                                                           300
    42 egettteett tetgteaaga ageagtttga agaattaace ettggtgaat tittgaaact
                                                                           360
    44 ggacagagaa agagccaaga acaaaattgc aaaggaaacc aacaataaga agaaagaatt
                                                                           420
    46 tgaggaaact gcgaagaaag tgcgccgtgc catcgagcag ctggctgcca tggattgagg
                                                                           480
    48 cetetggeeg gagetgeetg gteecagagt ggetgeacea etteeagggt ttatteeetg
                                                                           540
    50 gtgccaccag cettectgtg ggcccettag caatgtetta ggaaaggaga teaacatttt
                                                                           600
    52 caaattagat gtttcaactg tgctcctgtt ttgtcttgaa agtggcacca gaggtgcttc
                                                                           660
    54 tgcctgtgca gcgggtgctg ctggtaacag tggctgcttc tctctctct tctctttttt
                                                                           720
    56 gggggctcat ttttgctgtt ttgattcccg ggcttaccag gtgagaagtg agggaggaag
                                                                           780
    58 aaggeagtgt ceettttget agagetgaca getttgtteg egtgggeaga geetteeaca
    60 gtgaatgtgt etggaeetea tgttgttgag getgteaeag teetgagtgt ggaettggea
                                                                           900
    62 ggtgcctgtt gaatctgagc tgcaggttcc ttatctgtca cacctgtgcc tcctcagagg
                                                                           960
    1020
    66 gtgatgagag aatggagaca gagtccctgg ctcctctact gtttaacaac atggctttct
                                                                          1080
    68 tattttgttt gaattgttaa ttcacagaat agcacaaact acaattaaaa ctaagcacaa
                                                                          1140
    70 agccattcta agtcattggg gaaacggggt gaacttcagg.tggatgagga gacagaatag
                                                                          1200
    72 agtgatagga agcgtctggc agatactcct tttgccactq ctqtqtqatt agacaggccc
                                                                          1260
```

74 agtgagccgc ggggcacatg ctggccgctc ctccctcaga aaaaggcagt ggcctaaatc

76 ctttttaaat gacttggctc gatgctgtgg gggactggct gggctgctgc aggccgtgtg

1320

1380

RAW SEQUENCE LISTING

DATE: 07/21/2004 TIME: 10:20:21

PATENT APPLICATION: US/10/776,934

Input Set : $A:\58617143.app$

Output Set: N:\CRF4\07212004\J776934.raw

78 tetgteagee caacetteae atetgteaeg tteteeaeae gggggagaga 80 eeaggteeee getttetttg gaggeageag eteeegeagg getgaagtet		1440 1500
82 gatggatttg attegeeete eteeetgtea tagagetgea gggtggattg		1560
84 gctggaaacc tctggaggtc atctcggctg ttcctgagaa ataaaaagcc	tgtcatttc	1619
87 <210> SEQ ID NO: 2		
88 <211> LENGTH: 16		
89 <212> TYPE: DNA		
90 <213> ORGANISM: Artificial sequence	·	
92 <220> FEATURE:		
93 <223> OTHER INFORMATION: Synthetic oligonucleotide		
95 <400> SEQUENCE: 2		
96 gcagtggatg aagcca		16
99 <210> SEQ ID NO: 3		
100 <211> LENGTH: 16		
101 <212> TYPE: DNA		
102 <213> ORGANISM: Artificial sequence		
104 <220> FEATURE:		
105 <223> OTHER INFORMATION: Synthetic oligonucleotide		
107 <400> SEQUENCE: 3		
108 gccaagtctg gctcgt		16
111 <210> SEQ ID NO: 4		•
112 <211> LENGTH: 16		
113 <212> TYPE: DNA 114 <213> ORGANISM: Artificial sequence		
114 <213> ORGANISM: AICITICIAI sequence 116 <220> FEATURE:		
117 <223> OTHER INFORMATION: Synthetic oligonucleotide		
119 <400> SEQUENCE: 4		
120 aacactgggc caagtc		16
123 <210> SEQ ID NO: 5		10
124 <211> LENGTH: 16		
125 <212> TYPE: DNA	ķ.,	
126 <213> ORGANISM: Artificial sequence		
128 <220> FEATURE:		
129 <223> OTHER INFORMATION: Synthetic oligonucleotide		
131 <400> SEQUENCE: 5	•	
132 gcagaagaaa cactgg		16
135 <210> SEQ ID NO: 6		
136 <211> LENGTH: 16		
137 <212> TYPE: DNA		
138 <213> ORGANISM: Artificial sequence		
140 <220> FEATURE:		
141 <223> OTHER INFORMATION: Synthetic oligonucleotide		
143 <400> SEQUENCE: 6		
144 aagcagaaga aacact		16
147 <210> SEQ ID NO: 7		
148 <211> LENGTH: 16		
149 <212> TYPE: DNA		
150 <213> ORGANISM: Artificial sequence		
152 <220> FEATURE:		

RAW SEQUENCE LISTING

DATE: 07/21/2004 PATENT APPLICATION: US/10/776,934 TIME: 10:20:21

Input Set : A:\58617143.app
Output Set: N:\CRF4\07212004\J776934.raw

	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 7	
	ctcccagcct tccagc	16
	<210> SEQ ID NO: 8	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<pre><213> ORGANISM: Artificial sequence</pre>	
	<pre><220> FEATURE: </pre>	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide <400> SEOUENCE: 8</pre>	
	ttetttette ttattg	16
	<210> SEQ ID NO: 9	10
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 9	
	tgggaccagg cagctc	16
	<210> SEQ ID NO: 10	
184	<211> LENGTH: 16	
185	<212> TYPE: DNA	
186	<213> ORGANISM: Artificial sequence	
188	<220> FEATURE:	
189	<223> OTHER INFORMATION: Synthetic oligonucleotide	
191	<400> SEQUENCE: 10	
192	tggtgcagcc actctg	16
196	<210> SEQ ID NO: 11	
197	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 11	
	gaataaaccc tggaag	16
	<210> SEQ ID NO: 12	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<pre><220> FEATURE:</pre>	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 12 tggcaccagg gaataa	16
	<210> SEQ ID NO: 13	Τ.Ω
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<pre><220> FEATURE:</pre>	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
-20	Synthetic Synthetic Strandiction	

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/10/776,934 TIME: 10:20:21

Input Set : $A:\58617143.app$

Output Set: N:\CRF4\07212004\J776934.raw

	<400> SEQUENCE: 13	
	ctaagacatt gctaag	16
232	<210> SEQ ID NO: 14	
233	<211> LENGTH: 16	
234	<212> TYPE: DNA	
235	<213> ORGANISM: Artificial sequence	
237	<220> FEATURE:	
238	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 14	
	ttgatctcct ttccta	16
	<210> SEQ ID NO: 15	
	<211> LENGTH: 16	
246	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 15	
	gcacagttga aacatc	16
	<210> SEQ ID NO: 16	10
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 16	
	gattcaaatc tggcgg	16
	<210> SEQ ID NO: 17	10
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<pre><220> FEATURE: <223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 17	16
	tgccaacggg tcccgc	16
	<210> SEQ ID NO: 18	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 18	3.6
	ccgccgccgc cacctc	16
	<210> SEQ ID NO: 19	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
300	<400> SEQUENCE: 19	
	•	

DATE: 07/21/2004 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/776,934 TIME: 10:20:21

Input Set : A:\58617143.app
Output Set: N:\CRF4\07212004\J776934.raw

301	cgtcggggca cccatg	16
	<210> SEQ ID NO: 20	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 20	
	gccaggcagg gggcaa	16
	<210> SEQ ID NO: 21	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 21	
	tccttgagaa agggct	16
	<210> SEQ ID NO: 22	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 22	10
	tgtagagatg cggtgg	16
	<210> SEQ ID NO: 23 <211> LENGTH: 16	
	<211> DENGTH: 16 <212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<pre><223> OTHER INFORMATION: Synthetic oligonucleotide</pre>	
	<400> SEQUENCE: 23	
	agggccagtt cttgaa	16
	<210> SEQ ID NO: 24	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 24	
	gcgcagccct ccaaga	16
	<210> SEQ ID NO: 25	
	<211> LENGTH: 16	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: Synthetic oligonucleotide	
	<400> SEQUENCE: 25	
	ccgctccggg gtgcag	16

VERIFICATION SUMMARY

DATE: 07/21/2004

PATENT APPLICATION: US/10/776,934

TIME: 10:20:22

Input Set : A:\58617143.app

Output Set: N:\CRF4\07212004\J776934.raw

L:1826 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (146) SEQUENCE: L:15222 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (693) SEQUENCE: